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Notice of Alloy

| | Application No. | Applicant(s) | |
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| wability | 10/528,035 | EINSPENNER ET AL. | |
| | Examiner | Art Unit | |
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| Notice of Allowability | Examiner | Art Unit | |
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| | Nghia M. Doan | 2825 | |
| The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313 | (OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to | lication. If not include will be mailed in due | ed course, THIS |
| 1. X This communication is responsive to 10/23/2007. | | | |
| 2. 🔀 The allowed claim(s) is/are 23,24 and 26-28 (renumbered a | as 1-5). | | |
| 3. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" on the delow. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give | been received. been received in Application No cuments have been received in this rec | national stage applica complying with the red S AMENDMENT or N | quirements · |
| 5. CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the deposit of the deposit of | on's Patent Drawing Review (PTO-9 s Amendment / Comment or in the O .84(c)) should be written on the drawing the header according to 37 CFR 1.121(c | ffice action of lgs in the front (not the l). | |
| Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date | 5. ☐ Notice of Informal P 6. ☑ Interview Summary Paper No./Mail Dat 7. ☑ Examiner's Amenda 8. ☑ Examiner's Stateme 9. ☐ Other | (PTO-413), e <u>20071214</u> nent/Comment | owance |

SUPERVISORY PATENT EXAMINER

Application/Control Number:

10/528,035 Art Unit: 2825

DETAILED ACTION

1. This is response Applicant Amendment filed on 10/23/2007. Claims 23-28 remain pending.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Mark Gleason (Reg. No. 39,998) on December 14th, 2007.

3. Applicant is amended as the following:

As per claims 14-22 and 29-37 (non-elected claims) are canceled.

As per claim 23: line 19, after "the semiconductor chip" insert --;

wherein in the case of contact areas arranged at a respective semiconductor chip edge, distances of identical magnitude in each case are provided between adjacent contact areas and/or between the respective outermost contact areas per semiconductor chip edge and the adjoining semiconductor chip edges --.

As per claim 25 is canceled.

Allowable Subject Matter

- 4. Claims 23, 24, and 26-28 are allowed.
- 5. The following is an examiner's statement of reasons for allowance: the prior art made of record does not teach or suggest the limitation of reading semiconductor chip

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data, contact area data, housing data, and production data into the computer system comprising geometrical and electrical properties that uses generating a model of an electronic device for arranging the contact areas in the model of the electronic device in edge regions on the active top side of the semiconductor chip; wherein in the case of contact areas arranged at a respective semiconductor chip edge, distances of identical magnitude in each case are provided between adjacent contact areas and/or between the respective outermost contact areas per semiconductor chip edge and the adjoining semiconductor chip edges; and providing the contact area arrangement data for subsequent fabrication and/or design processes of the semiconductor chip and/or of the housing and/or of the electronic device.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. PTO-892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nghia M. Doan whose telephone number is 571-272-5973. The examiner can normally be reached on 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Chiang can be reached on 571-272-7483. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nghia M. Doan /NMD/

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